09897239 070201

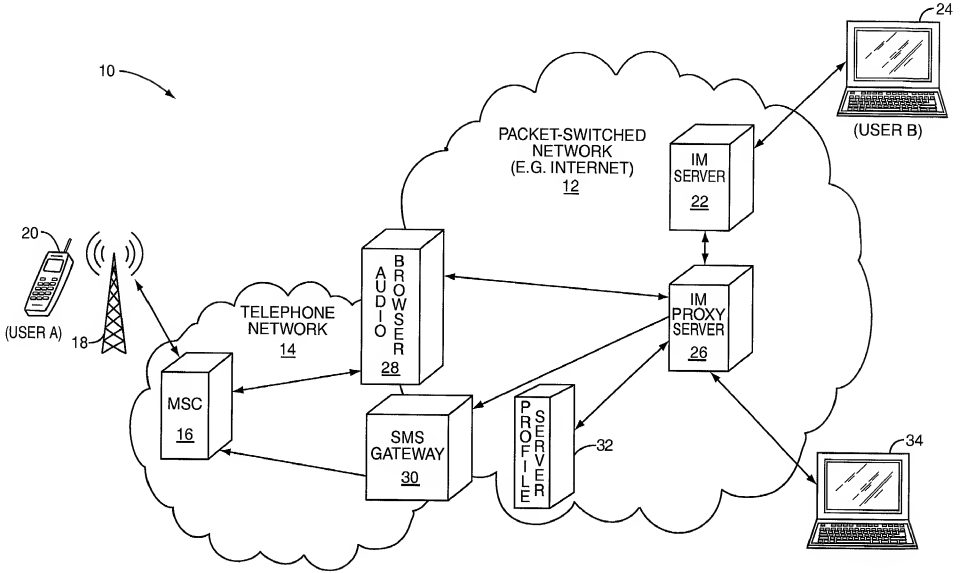

FIG. 1

T02070 "6227 6860

EXAMPLE PHRASE COMPONENT PROFILE			
VOLUME	**SAY PERSONALITY**	**SAY EMOTION**	**SAY MEANING**
• LOUD • NORMAL • SOFT	• RAP • INDIES • WEST COAST • EAST COAST • BUSINESS • CHILD	• ANGER • DESPAIR • SADNESS • SARCASM • LOVE • BORED • HAPPY • NEUTRAL • DISGUSTED • KIDDING	• HI • EXPLAIN • SAY AGAIN • NO • YES • GOOD • BAD • HMMMM • CALL ME • JOKE

FIG. 2

TO2020'6626860

PHRASE DEFINITION PROFILE										
EMOTION	**MEANING**									
	HI	EXPLAIN	SAY AGAIN	YES	NO	GOOD	BAD	CALL ME	JOKE	HMMMM
ANGER	1	2	3	4	5	6	7	8	9	10
DESPAIR	11	12	13	14	15	16	17	18	19	20
SADNESS	21	22	23	24	25	26	27	28	29	30
SARCASM	31	32	33	34	35	36	37	38	39	40
LOVE	41	42	43	44	45	46	47	48	49	50
BORED	51	52	53	54	55	56	57	58	59	60
HAPPY	61	62	63	64	65	66	67	68	69	70
NEUTRAL	71	72	73	74	75	76	77	78	79	80
DISGUSTED	81	82	83	84	85	86	87	88	89	90
KIDDING	91	92	93	94	95	96	97	98	99	100

FIG. 3

T02070 "6223886D

PHRASE SELECTION PROFILE		
EAST COAST STYLE PROFILE		
PHASE NUMBER	TEXT PHRASE WITH EMOTION	
	NORMAL VOLUME	LOUD VOLUME
1. ANGER.HI.	"Hey Jerk" :-@	:O "HEY JERK" :-@
11. DESPAIR.HI	"Hi. It's been so long." :-C	:O "HI. IT'S BEEN SO LONG." :-C
21. SADNESS.HI	"Hi. Not doing well right now." :-(	:O "HI. NOT DOING WELL RIGHT NOW." :-(
31. SARCASM.HI	"Hi. Really GOOD to See You." :->	:O "HI. REALLY GOOD TO SEE YOU." :->
41. LOVE.HI	"Hi Love" :*	:O "HI LOVE" :*
51. BORED.HI	"Hi Ho Hum" |-O	:O "HI HO HUM" |-O
61. HAPPY.HI	"Hello. Hello. Hello." :-)	:O "HELLO. HELLO. HELLO." :-)
71. NEUTRAL.HI	"Hello" :|	:O "HELLO" :|
81. DISGUSTED.HI	"Hi to you." :-|	:O "HI TO YOU." :-|
91. KIDDING.HI	"Hi and Low" :D	:O "HI AND LOW" :D

FIG. 4

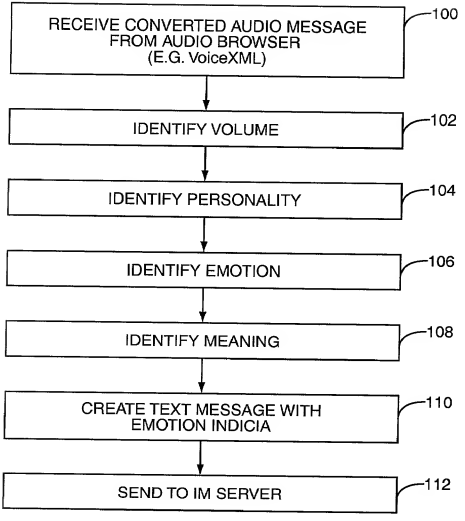
RECEIVE CONVERTED AUDIO MESSAGE FROM AUDIO BROWSER (E.G. VoiceXML)
100
IDENTIFY VOLUME
102
IDENTIFY PERSONALITY
104
IDENTIFY EMOTION
106
IDENTIFY MEANING
108
CREATE TEXT MESSAGE WITH EMOTION INDICIA
110
SEND TO IM SERVER
112

FIG. 5

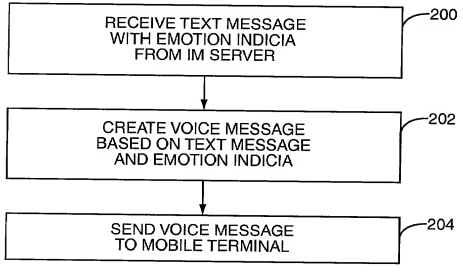
RECEIVE TEXT MESSAGE WITH EMOTION INDICIA FROM IM SERVER
200
CREATE VOICE MESSAGE BASED ON TEXT MESSAGE AND EMOTION INDICIA
202
SEND VOICE MESSAGE TO MOBILE TERMINAL
204

FIG. 6

09897239 070201

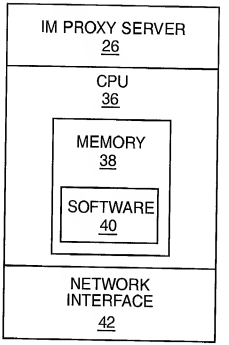

FIG. 7

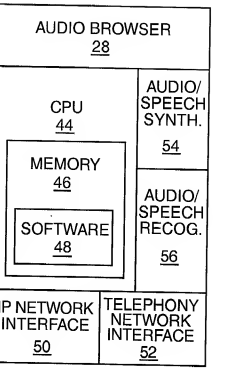

FIG. 8

T02020 08272890

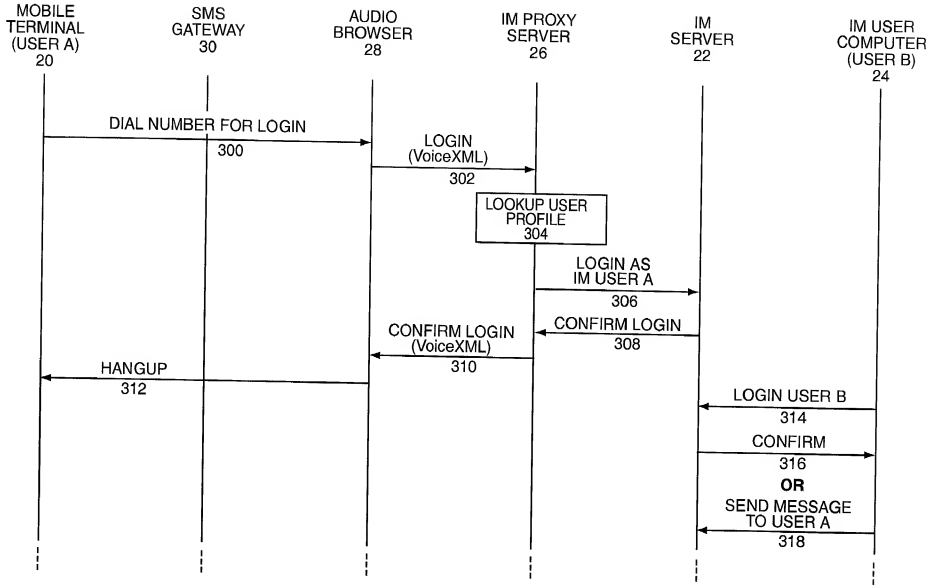

FIG. 9A

TO2020 08272030

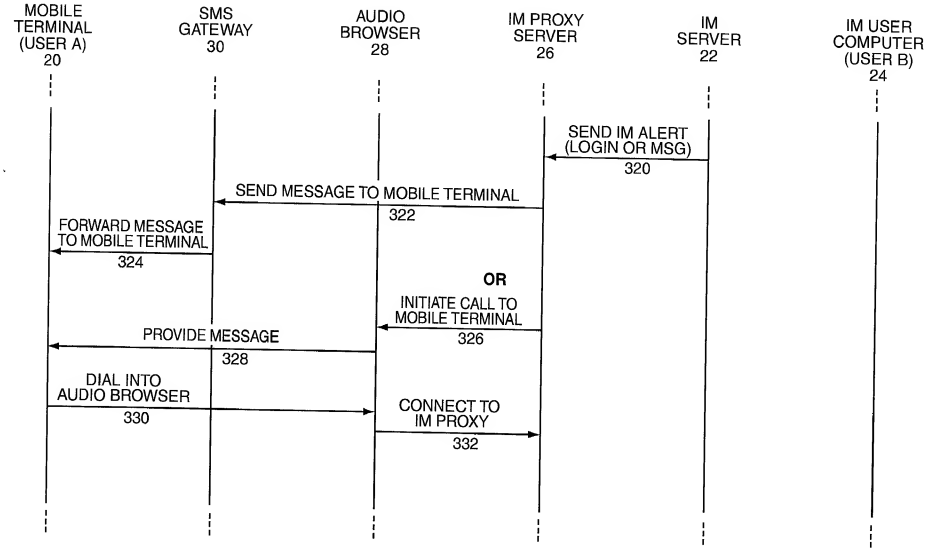

FIG. 9B

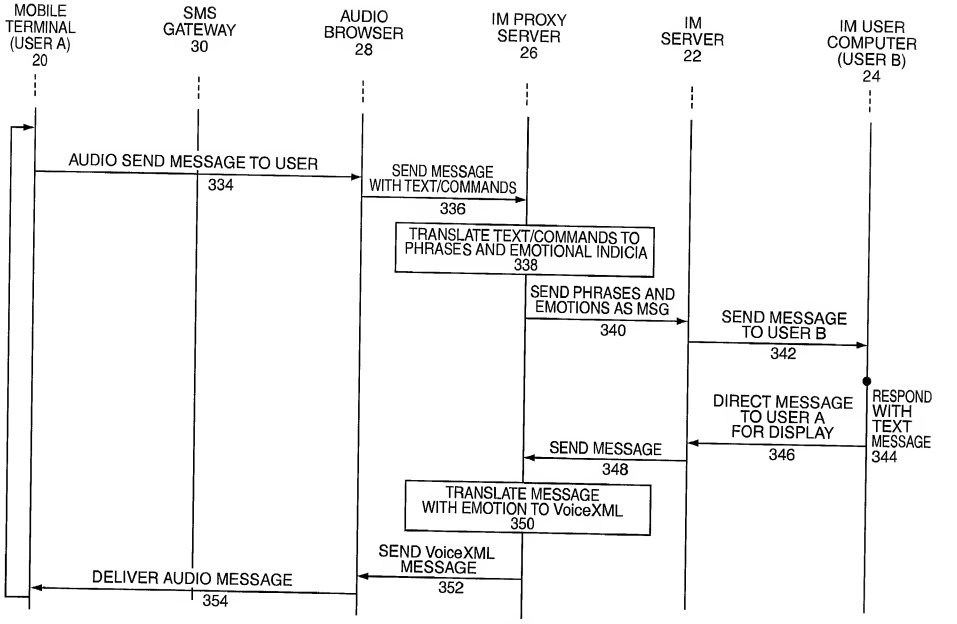
MOBILE TERMINAL (USER A) 20
SMS GATEWAY 30
AUDIO BROWSER 28
IM PROXY SERVER 26
IM SERVER 22
IM USER COMPUTER (USER B) 24
AUDIO SEND MESSAGE TO USER
334
SEND MESSAGE WITH TEXT/COMMANDS
336
TRANSLATE TEXT/COMMANDS TO PHRASES AND EMOTIONAL INDICIA
338
SEND PHRASES AND EMOTIONS AS MSG
340
SEND MESSAGE TO USER B
342
RESPOND WITH TEXT MESSAGE
344
DIRECT MESSAGE TO USER A FOR DISPLAY
346
SEND MESSAGE
348
TRANSLATE MESSAGE WITH EMOTION TO VoiceXML
350
SEND VoiceXML MESSAGE
352
DELIVER AUDIO MESSAGE
354

FIG. 9C